## WE CLAIM:

1. A method of controlling an operation of a switched-reluctance motor including a stator having a stator pole and a rotor having a rotor pole, said method comprising the steps of:

aligning the rotor pole and the stator pole in response to a reception of an actuation command; and

cranking the rotor in a direction as dictated by the actuation command for a predetermined time period.

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- 2. The method of claim 1, further comprising: rotating the rotor to a holding position upon an expiration of the predetermined time period.
- The method of claim 2, further comprising:
  minimizing any current losses of the switched-reluctance motor when the rotor is in the holding position.
  - 4. The method of claim 2, further comprising:
    minimizing any heating losses of the switched-reluctance motor when
    the rotor is in the holding position.
    - 5. A method for controlling an alignment of a stator pole and a rotor pole of a switched-reluctance motor, said method comprising:
- identifying a first phase of the motor as a target phase defining an initial position of the rotor pole that corresponds to the alignment of the stator pole and the rotor pole;

exciting a second phase of the motor, the second phase adjacent the first phase; and

30 subsequently exciting the first phase of the motor.

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	6.	A method for controlling an alignment of a rotor pole of a		
	switched-reluctance motor to a target position, said method comprising:			
		identifying the target position;		
5		aligning a phase of the motor adjacent the target position; and		
		subsequently and concurrently exciting a second phase of the motor		
	and a third phase of the motor, the second phase and the third phase being			
	from the tars	get position.		

- 7. A method for controlling a rotation of a rotor of a switched-reluctance motor in a desired direction, said method comprising:

  sequentially exciting a plurality of phases of the switched-reluctance motor for one or more cycles whereby the rotor is cranked to rotate in the desired direction; and
- rotating the rotor in the desired direction upon an expiration of the one or more cycles.
  - 8. A method for controlling a minimization of any heat losses by a switched-reluctance motor having a rotor in a holding position, said method comprising:

determining the rotor is in the holding position; and dithering the rotor upon the rotor being in the holding position for a predetermined time period.

9. A method for controlling a minimization of any current losses by a switched-reluctance motor having a rotor in a holding position, said method comprising:

determining a motor torque corresponding to the holding position; and

selectively reducing an ampere level of a phase current corresponding to the holding position.

	10.	A device for controlling an operation a switched-reluctance motor
includ	ling a st	ator having a stator pole and a rotor having a rotor pole, said device
comp	rising:	

5 means for aligning the rotor pole and the stator pole in response to a reception of an actuation command; and

means for cranking the rotor in a direction as dictated by the actuation command for a predetermined time period.

- 10 11. The device of claim 10, further comprising:

  means for rotating the rotor to a holding position upon an expiration of the predetermined time period.
- 12. The device of claim 11, further comprising:

  means for minimizing any current losses of the switched-reluctance motor when the rotor is in the holding position.
  - 13. The device of claim 11, further comprising:

    means for minimizing any heating losses of the switched-reluctance motor when the rotor is in the holding position.
  - 14. A device for controlling an alignment of a stator pole and a rotor pole of a switched-reluctance motor, said device comprising:

means for identifying a first phase of the motor as a target phase

defining an initial position of the rotor pole that corresponds to the alignment of the stator pole and the rotor pole;

means for exciting a second phase of the motor, the second phase adjacent the first phase; and

means for subsequently exciting the first phase of the motor.

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15. A device for controlling an alignment of a rotor pole of a switched-reluctance motor to a target position, said device comprising:

means for identifying the target position;

means for aligning a phase of the motor adjacent the target position; and

means subsequently and concurrently exciting a second phase of the motor and a third phase of the motor, the second phase and the third phase being remote from the target position.

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16. A device for controlling a rotation of a rotor of a switched-reluctance motor in a desired direction, said device comprising:

means for sequentially exciting a plurality of phases of the switched-reluctance motor for one or more cycles whereby the rotor is cranked to rotate in the desired direction; and

means for rotating the rotor to the holding position upon an expiration of the one or more cycles.

17. A device for controlling a minimization of any heat losses by a20 switched-reluctance motor having a rotor in a holding position, said device comprising:

means for determining the rotor is in the holding position; and means for dithering the rotor upon the rotor being in the holding position for a predetermined time period.

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18. A device for controlling a minimization of any current losses by a switched-reluctance motor having a rotor in a holding position, said device comprising:

means for determining a motor torque corresponding to the holding position; and

means for selectively reducing an ampere level of a phase current corresponding to the holding position.

	19.	A system, comprising:	
		a switched-reluctance motor including	
		a stator having a stator pole, and	
5 a rotor having a rotor pole;			
		means for aligning the rotor pole and the stator pole in response to a	
	an actuation command; and		
		means for cranking the rotor in a direction as dictated by the	
actuation command for a predetermined time period.			

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- 20. The system of claim 19, further comprising:

  means for rotating the rotor to a holding position upon an expiration of the predetermined time period.
- 15 21. The system of claim 20, further comprising:

  means for minimizing any current losses of the switched-reluctance motor when the rotor is in the holding position.
  - 22. The system of claim 20, further comprising:

    means for minimizing any heating losses of the switched-reluctance motor when the rotor is in the holding position.
- 23. A system, comprising:

  a switched-reluctance motor including

  a stator having a stator pole, and
  a rotor having a rotor pole;

means for identifying a first phase of the motor as a target phase defining an initial position of the rotor pole that corresponds to the alignment of the stator pole and the rotor pole;

means for exciting a second phase of the motor, the second phase adjacent the first phase; and

means for subsequently exciting the first phase of the motor.

Z4.	А	system,	comprising

a switched-reluctance motor including a rotor having a rotor pole; means for identifying a target position of said rotor pole;

means for aligning a phase of the motor adjacent the target position;

and

means for subsequently and concurrently exciting a second phase of the motor and a third phase of the motor, the second phase and the third phase being remote from the target position.

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## 25. A system, comprising:

a switched-reluctance motor including a rotor;

means for sequentially exciting a plurality of phases of the switched-reluctance motor for one or more cycles whereby the rotor is cranked to rotate in the desired direction; and

means for rotating the rotor to the holding position upon an expiration of the one or more cycles.

## 26. A system, comprising:

a switched-reluctance motor including a rotor operable to be rotated to a holding position;

means for determining the rotor is in the holding position; and means for dithering the rotor upon the rotor being in the holding position for a predetermined time period.

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## 27. A system, comprising:

a switched-reluctance motor including a rotor operable to be rotated to a holding position;

means for determining a motor torque corresponding to the holding position; and

means for selectively reducing an ampere level of a phase current corresponding to the holding position.